

## CLAIMS

### I Claim:

1. An impact head assembly, comprising:

an impact head having a contact end opposite an attachment end;

5 an impact head central bore having a bore diameter disposed in said impact head at said attachment end and extending toward said contact end having an impact head central bore base as a farthest extension of said impact head central bore; and

an annular slot concentrically disposed and parallel to said impact head central bore extending into said impact head from said attachment end of said impact head;

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2. The impact head assembly of claim 1, further comprising a central insert having an insert diameter inserted into said impact head central bore of said impact head.

3. The impact head assembly of claim 1 wherein said contact end of said impact  
15 head is flat.

4. The impact head assembly of claim 1 wherein said contact end of said impact head is round.

Title:  
Impact Head Assembly for  
Percussive Therapeutic Device

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5. The impact head assembly of claim 1 wherein said contact end of said impact head is cone-shaped.
6. The impact head assembly of claim 1 wherein said impact head is made of  
5 silicone rubber.
7. The impact head assembly of claim 1 wherein said impact head is made of plastic.
8. The impact head assembly of claim 2 wherein said central insert is threaded or  
10 ribbed.
9. The impact head assembly of claim 2 wherein said central insert is made of rigid plastic.
- 15 10. The impact head assembly of claim 2 wherein said central insert is made of semi-rigid plastic.

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11. A method of attaching an impact head to a reciprocating rod comprising the steps of:

inserting an annular reciprocating rod insert end of a reciprocating rod into an annular slot concentric to an impact head central bore in an impact head;

5 pressing said reciprocating rod into said impact head until said reciprocating rod insert end is fully seated in said annular slot; and

inserting a central insert into said impact head central bore of said impact head;

11. The method of attaching an impact head to a reciprocating rod in accordance with  
10 claim 12 further comprising the step of twisting said reciprocating rod while pressing said reciprocating rod into said impact head.